EUROPEAN JOURNAL OF PHARMACOLOGY

Volume 305, Nos. 1–3 CONTENTS 3 June 1996

Cited in: Biological Abstracts – Chemical Abstracts – Current Contents/Life Sciences – Excerpta Medica (EMBASE) – Index Medicus – Pascal M – Reference Update – Unlisted Drugs – Current Awareness in Biological Sciences (CABS)

BEHAVIORAL PHARMACOLOGY

Effect of haloperidol on the behavioral stimulation by *N*-cyanomethylmethamphetamine, a main product of smoking methamphetamine mixed with tobacco
H. Kuribara, H. Sekine and Y. Nakahara 1

Time course of discriminative stimulus effects of bretazenil and chlordiazepoxide in rats
M. Bronson and H.-C. Chen 7

Effects of amphetamine and 6-hydroxydopamine lesions on reserpine-induced oral dyskinesia
J.L. Neisewander, E. Castañeda, D.A. Davis, H.J. Elson and A.N. Sussman 13

Isatin inhibits food intake in mice
J.E. Morley, S.A. Farr and J.F. Flood 23

Pharmacological studies of a novel prolyl endopeptidase inhibitor, JTP-4819, in rats with middle cerebral artery occlusion
M. Shinoda, A. Matsuo and K. Toide 31

Acamprosate and alcohol: I. Effects on alcohol intake following alcohol deprivation in the rat
R. Spanagel, S.M. Hölter, K. Allingham, R. Landgraf and W. Zieglgänsberger 39

Acamprosate and alcohol: II. Effects on alcohol withdrawal in the rat
R. Spanagel, J. Putzke, A. Stefferl, B. Schöbitz and W. Zieglgänsberger 45

Acamprosate and alcohol: III. Effects on alcohol discrimination in the rat
R. Spanagel, W. Zieglgänsberger and W. Hundt 51

Insulin-like growth factor I expression alters acute sensitivity and tolerance to ethanol in transgenic mice
O. Pucilowski, W.K. Ayensu and A.J. D'Ercole 57

NEUROPHARMACOLOGY AND ANALGESIA

Pharmacological activities of trimetoquinol and 1-benzyl halogen-substituted analogues on rat β-adrenoceptor subtypes
A.A. Konkar, P.F. Fraundorfer, R.H. Fertel, A.M. Burkman, D.D. Miller and D.R. Feller 63

Ipsapirone enhances the dopamine outflow via 5-HT$_{1A}$ receptors in the rat prefrontal cortex
K. Wędzony, M. Maćkowiak, K. Fijał and K. Gołembiowska 73

Imipramine increases the 5-HT$_{1A}$ receptor-mediated inhibition of hippocampal neurons without changing the 5-HT$_{1A}$ receptor binding
M. Bijak, K. Tokarski, A. Czyrak, M. Maćkowiak and K. Wędzony 79

Protection by NMDA receptor antagonists against seizures induced by intracerebral administration of 4-aminopyridine
A. Morales-Villagrán, M.E. Ureña-Guerrero and R. Tapia 87

α_{1B}-Adrenoceptor-mediated excitation of piriform cortical interneurons
G.J. Marek and G.K. Aghajanian 95

Adenosine transport inhibitors enhance high K^+-evoked taurine release from rat hippocampus
J. Hada, T. Kaku, K. Morimoto, Y. Hayashi and K. Nagai 101

MK-801 and memantine inhibit a centrally induced increase in myocardial oxygen demand in rabbits
L. Monassier, E. Tibiriça, J.-C. Roegel, J. Feldman and P. Bousquet 109

Pharmacological characterization of AMPA-induced biting behaviour in mice
A. Brambilla, A. Prudentino, N. Grippa and F. Borsini 115

Dopamine autoreceptor reserve in vitro: possible role of dopamine D$_3$ receptors
C.W. Aretha and M.P. Galloway 119

Stimulation of adenosine A$_1$ receptors prevents the EEG arousal due to dopamine D$_1$ receptor activation in rabbits
P. Popoli, S. Ferré, A. Pèzzola, R. Reggio, A. Scotti de Carolis and K. Fuxe 123

CARDIOVASCULAR PHARMACOLOGY

Effect of capsaicin and resiniferatoxin on gastrointestinal blood flow in rats
O.M.E. Abdel Salam, J. Szolcsányi, R. Pórszász and G. Mózsik 127

Effects of a new endothelin receptor antagonist, TAK-044, on myocardial stunning in dogs
T. Kitayoshi, S. Ikeda, K. Kubo, Y. Awane-Igata, T. Watanabe and M. Fujino 137

SR 120107A antagonizes neuropeptide Y Y$_1$ receptor mediated sympathetic vasoconstriction in pigs in vivo
R.E. Malmström, A. Modin and J.M. Lundberg 145

contents continued on page 3 of cover

0014-2999(19960603)305:1-3;1-S

Access to Internet means access to Elsevier Science Tables of Contents. Enter either via Elsevier Science Homepage: http://www.elsevier.nl or directly in the Table of Contents: http://www.elsevier.nl/locate/estoc

Contents continued

Mechanisms mediating the vasodilatory effects of *N*-hydroxy-L-arginine in coronary arteries
M.N. Abdul-Hussain, Y.L. Jia and S.N.A. Hussain 155

Nicorandil suppressed ventricular arrhythmias in a canine model of myocardial ischaemia
A. Vegh, K. Györgyi, J. Gy Papp, K. Sakai and J.R. Parratt 163

The effect of verbascoside on cyclic 3′,5′-adenosine monophosphate levels in isolated rat heart
M. Pennacchio, E. Alexander, Y.M. Syah and E.L. Ghisalberti 169

Vascular α_{1D}-adrenoceptors have a role in the pressor response to phenylephrine in the pithed rat
L. Zhou and H.M. Vargas 173

PULMONARY, GASTROINTESTINAL AND UROGENITAL PHARMACOLOGY

Inhibition by tamsulosin of tension responses of human hyperplastic prostate to electrical field stimulation
S.-C. Chueh, J.-H. Guh, J. Chen, M.-K. Lai, F.-N. Ko and C.-M. Teng 177

Broad spectrum antiemetic effects of CP-122,721, a tachykinin NK_1 receptor antagonist, in ferrets
S. Gonsalves, J. Watson and C. Ashton 181

MOLECULAR AND CELLULAR PHARMACOLOGY

Binding of the labelled muscarinic toxin ^{125}I-MT1 to rat brain muscarinic M_1 receptors
M. Waelbroeck, P. De Neef, V. Domenach, M.-C. Vandermeers-Piret and A. Vandermeers 187

Pharmacological characterization of a specific binding site for angiotensin IV in cultured porcine aortic endothelial cells
L. Riva and A.-M. Galzin 193

Positive allosteric action of eburnamonine on cardiac muscarinic acetylcholine receptors
J. Proška and S. Tuček 201

Neomycin inhibits histamine and thapsigargin mediated Ca^{2+} entry in DDT_1 MF-2 cells independent of phospholipase C activation
H. Sipma, L. Van der Zee, A. Den Hertog and A. Nelemans 207

Cross-resistance to *cis*-diamminedichloroplatinum(II) of a multidrug-resistant lymphoma cell line associated with decreased drug accumulation and enhanced DNA repair
C.C.-K. Chao 213

Regulation of Na^+,K^+-ATPase activity by dopamine in cultured rat aortic smooth muscle cells
S.M.K. Rashed and E. Songu-Mize 223

Opposite effects of alcuronium on agonist and on antagonist binding to muscarinic receptors
A. Maaß and K. Mohr 231

Tyr-D-Arg^2-Phe-sarcosine^4 activates phospholipase C-coupled μ_2-opioid receptors in SH-SY5Y cells
D. Smart and D.G. Lambert 235

Melatonin affords protection against kainate-induced in vitro lipid peroxidation in brain
D. Melchiorri, R.J. Reiter, L.D. Chen, E. Sewerynek and G. Nisticò 239

Author index 243

Keyword index 245